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Corrigendum: Current State of Knowledge in Microbial Degradation of Polycyclic Aromatic Hydrocarbons (PAHs): A Review

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Keywords: biodegradation, Polycyclic Aromatic Hydrocarbons (PAHs), bacteria, fungi, algae

A corrigendum on

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Due to an inadvertent error, Louvado et al. (2015) was noted cited in the footnotes of **Table 1**. The corrected **Table 1** along with the footnote appears below. The authors apologize for this error. This does not affect the scientific conclusions of the article in any way.

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Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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TABLE 1 | Physical-chemical properties and some relevant information of 16 PAHs enlisted as priority pollutants by US EPA.

Name	Molecular formula	Cas registry no.	Physical chemical properties				Toxicology			Biodegradation	
			B. Pt. (°C)	M.Pt (°C)	V.P. (mmHg at 25°C)[a]	Solubility (mg/L)[a,b]	TEF[a,c]	IARC[a,d]	EPA[a,e]	Estimated half-lives (days)[a,f]	Measured half-lives (days)[a,g]
Naphthalene	$C_{10}H_8$	91-20-3	218	80.2	8.5×10^{-2}	31	n.d.	2B	C	5.66	n.d.
Acenaphthene	$C_{12}H_{10}$	83-32-9	279	93.4	2.5×10^{-3}	3.93	0.001	3	D	18.77	n.d.
Acenaphthylene	$C_{12}H_8$	208-96-8	280	91.8	6.68×10^{-3}	1.93	0.001	n.c.	D	30.7	n.d.
Anthracene	$C_{14}H_{10}$	120-12-7	342	216.4	6.53×10^{-6}	0.076	0.01	3	D	123	2.7
Phenanthrene	$C_{14}H_{10}$	85-01-8	340	100.5	1.2×10^{-4}	1.20	0.001	3	D	14.97	5
Fluorene	$C_{13}H_{10}$	86-73-7	295	116-7	6.0×10^{-4}	1.68–1.98	0.001	3	D	15.14	n.d.
Fluoranthene	$C_{16}H_{10}$	206-44-0	375	108.8	9.22×10^{-6}	0.20–0.26	0.001	3	D	191.4	9.2
Benzo[*a*]anthracene	$C_{18}H_{12}$	56-55-3	438	158	4.11×10^{-3}	0.010	0.1	2B	B2	343.8	>182
Chrysene	$C_{18}H_{12}$	218-01-9	448	254	6.23×10^{-9}	1.5×10^{-3}	0.010	2B	B2	343.8	n.d.
Pyrene	$C_{16}H_{10}$	129-00-0	150.4	393	4.5×10^{-6}	0.132	0.001	3	D	283.4	151
Benzo[*a*]pyrene	$C_{20}H_{12}$	50-32-8	495	179	5.49×10^{-9}	3.8×10^{-3}	1.0	1	B2	421.6	11
Benzo[*b*]fluoranthene	$C_{20}H_{12}$	205-99-2	481	168.3	5.0×10^{-7}	0.0012	n.d.	2B	B2	284.7	n.d.
Benzo[*k*]fluoranthene	$C_{20}H_{12}$	207-08-9	480	215.7	9.7×10^{-10}	7.6×10^{-4}	0.1	2B	B2	284.7	n.d.
Dibenzo[a,h]anthracene	$C_{22}H_{14}$	53-70-3	524	262	9.55×10^{-10}	5.0×10^{-4}	n.d.	2A	B2	511.4	n.d.
Benzo[g,h,i]perylene	$C_{22}H_{12}$	191-24-2	500	277	1.0×10^{-10}	2.6×10^{-5}	n.d.	3	D	517.1	n.d.
Indenol[1,2,3-cd]pyrene	$C_{22}H_{12}$	193-39-5	536	161-3	1.25×10^{-3}	0.062	n.d.	2B	B2	349.2	n.d.

[a] *Data for vapor pressure, solubility, toxicology, and biodegradation has been adapted from Louvado et al. (2015) and the references therein.*

[b] *Mackay and Shiu (1977).*

[c] *Toxic equivalent factor relatively to Benzo[a]pyrene (Chang et al., 2014).*

[d] *International Agency for Research on Cancer Classification Monographs Volume 1–111 updated 18 February 2015 (1, carcinogenic to humans; 2A, probably carcinogenic to humans; 2B, possibly carcinogenic to humans; 3, not classifiable as carcinogenic to humans; n.c., not classified).*

[e] *EPA carcinogenic classification: A, human carcinogenic; B1 and B2: probable human carcinogenic; C, possible human carcinogenic; D, not Classifiable as to human carcinogenicity; E, evidence of non-carcinogenicity for humans.*

[f] *Estimation using BioHCwin software v1.01 on EPI Suite software develop by Howard et al. (2005).*

[g] *Comber et al. (2012); n.d., not determined.*